



SPYWOLF

Security Audit Report



Completed on
July 28, 2022

MADE IN USA 

 @SPYWOLFNETWORK

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 SPYWOLF.CO



OVERVIEW

This audit has been prepared for **Avatly** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





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Avatly



PROJECT DESCRIPTION

According to their whitepaper:

Avatly project provides technology for meta fashion experience based on ultra-realistic garments and user avatars.

Users can create their avatar using Avatly app. Avatars can be used for virtual try-on in Avatly metaverse. Avatly metaverse marketplace will be dedicated to premium fashion brands and designers.

Release Date: Presale starts on September, 2022

Category: Metaverse



CONTRACT INFO

Token Name
AVATLY

Symbol
AVA

Contract Address

0xb4241BAe2d96Bab6B857e15DFb045253B604Acf1

Network

Binance Smart Chain

Language

Solidity

Deployment Date

June 14, 2022

Verified?

Yes

Total Supply

1,000,000,000

Status

Not Launched

TAXES

Buy Tax
none

Sell Tax
none

*Taxes cannot be changed



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



CURRENT STATS

(As of July 28, 2022)



Liquidity

Not added yet



Burn

No burnt tokens

Status:
Not Launched!

MaxTxAmount
No limit

DEX:
PancakeSwap

LP Address(es)

Liquidity not added yet



TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	10000000000 AVA
Median Transfer Amount	10000000000 AVA
Average Transfer Amount	10000000000 AVA
First transfer date	2022-06-14
Last transfer date	2022-06-14
Days token transferred	1

SMART CONTRACT STATS

Calls Count	1
External calls	1
Internal calls	0
Transactions count	1
Uniq Callers	1
Days contract called	1
Last transaction time	Jun-14-2022 12:05:06 PM +UTC
Created	Jun-14-2022 12:05:06 PM +UTC
Create TX	0x33d64c8d958bab9161166ab8dabe89dc33e79d0e02927bd935e0d32d36c8c092
Creator	0x03Fe9Fb5eA0e332f86AFd83550C9443a4F9dc79a



FEATURED WALLETS

Owner address	0x03Fe9Fb5eA0e332f86AFd83550C9443a4F9dc79a
LP address	No liquidity added yet

TOP 3 UNLOCKED WALLETS

1



Same as owner

*Tokens are not distributed yet



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

⚠ High Risk

Owner can mint (create) new tokens.

```
function mint(address to, uint256 amount) public onlyOwner {
    _mint(to, amount);
}

function _mint(address account, uint256 amount) internal virtual {
    require(account != address(0), "ERC20: mint to the zero address");

    _beforeTokenTransfer(address(0), account, amount);

    _totalSupply += amount;
    _balances[account] += amount;
    emit Transfer(address(0), account, amount);

    _afterTokenTransfer(address(0), account, amount);
}
```



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

Avatly

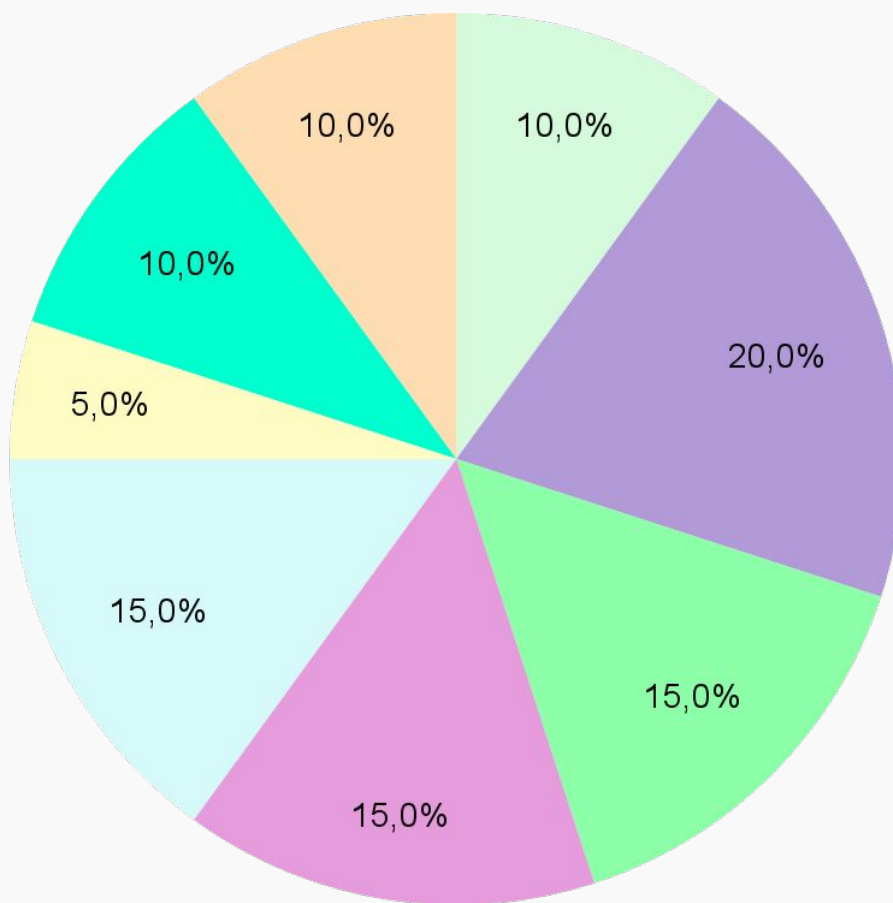
GOOD PRACTICES FOUND

- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



*The following tokenomics are based on the project's whitepaper and/or website:

- 10% - Presale
- 20% - Liquidity
- 15% - Team & Advisors
- 10% - Exchange listings
- 15% - Progressive burning
- 5% - Strategic partners
- 10% - Marketing
- 15% - Progressive rewards



*Check their whitepaper for more information about presale vesting periods:
<https://avatly.com/whitepaper.pdf>

TOKENOMICS



THE TEAM

✓ The team at Avatly is publicly doxxed on their website with their LinkedIn profiles displayed for their investors. .

CORE TEAM & ADVISORS



Łukasz Rybczonek
Co-Founder & CEO



Jacek Jabłczyński
Co-Founder & CTO



Adam Rybczonek
Co-Founder & CMO



Anna Wesoly
Key Account Manager



Rafał Bilik
Community Manager



Natalia Mieczysława
Operations Manager



Krzysztof Justynowicz
Marketing Partner



Maciej Podwojski
Industry Advisor



Marcin Fillipiak
Blockchain Security Advisor



Michael Merkel
Financial Security Advisor



Iain Hambleton
Data Analyst Advisor



Norbert Wesoly
Interior Design Advisor



WEBSITE

Website URL
<https://avatly.com/>

Domain Registry
<http://www.key-systems.net>

Domain Expiration
Expires on 2023-01-10

Technical SEO Test
Passed

Security Test
Passed. SSL certificate present

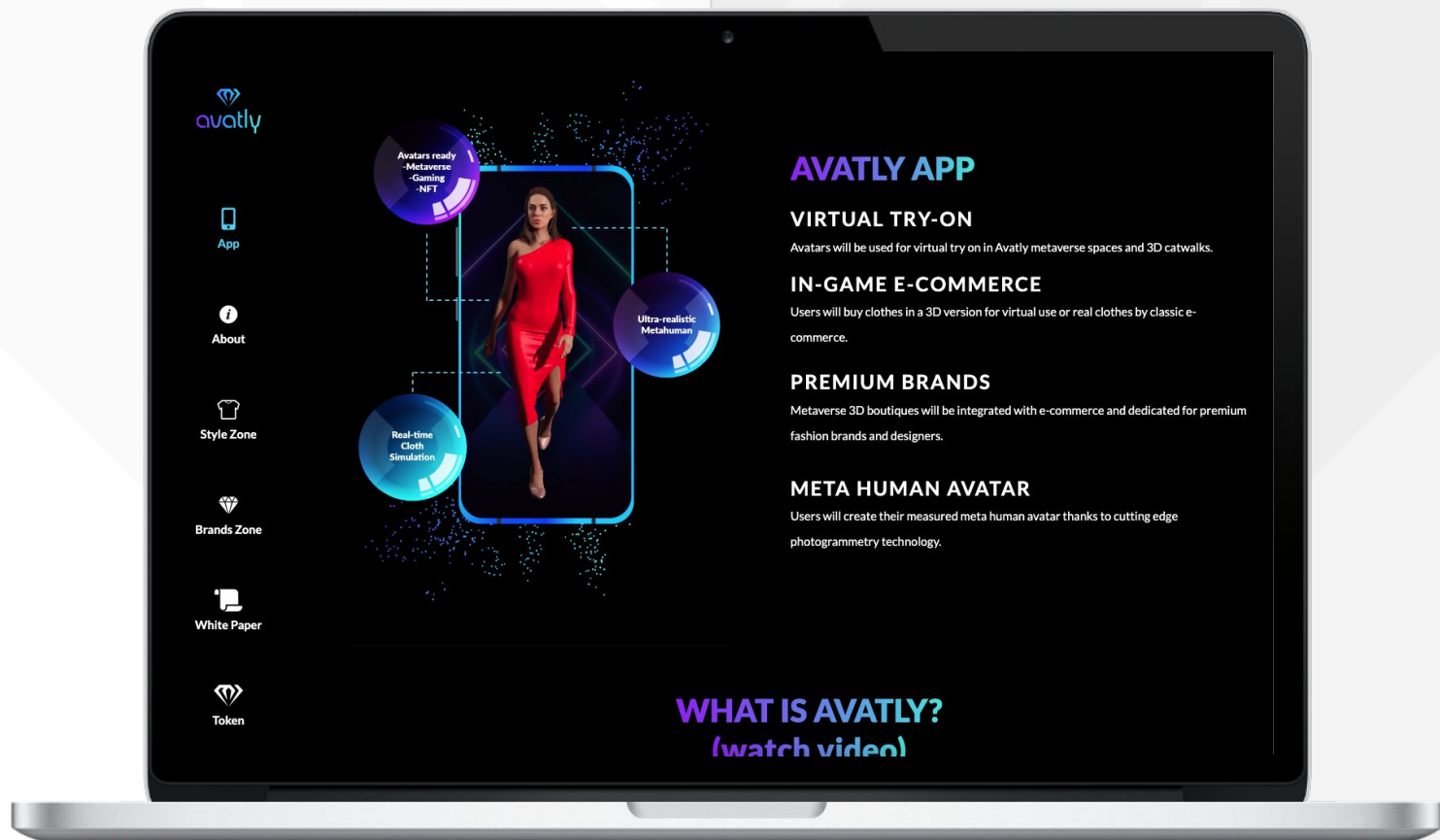
Design
Unique design, very nice
color scheme and graphics.

Content
The information helps new
investors understand what
the product does right away.
No grammar mistakes
found.

Whitepaper
Well written, explanatory.

Roadmap
Yes, goals set with
timeframes.

Mobile-friendly?
Yes



avatly.com

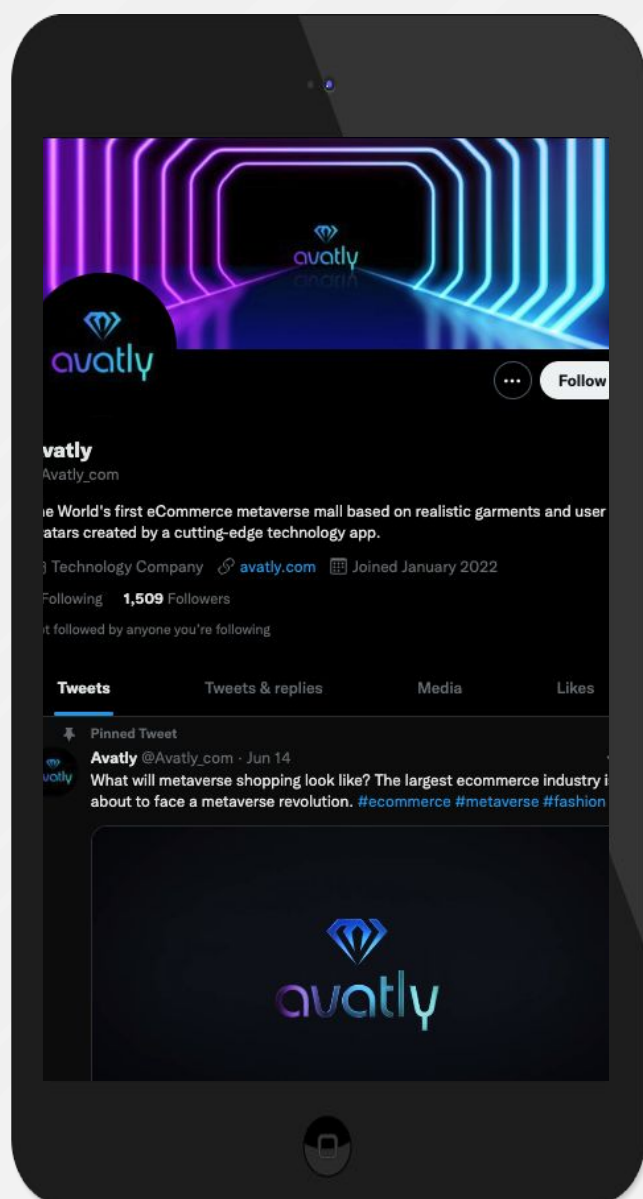


SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

Project's social media pages are not very active with only a few posts every several days.



Twitter

@Avatly_com

- 1509 followers
- Active
- Posts once every few days



Discord

- Not available



Telegram

@avatly

- 15 members ⚠️
- No active members (no messages for days) ⚠️
- No active mods (no messages for days) ⚠️



Medium

- Not available



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

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contact@spywolf.co or
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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.